Bioc 611 Syllabus and Course Policy — Section 028 (CRN 12527), Fall 2015

Time and location: W, 12:30-1:30 pm, Keck 308

Instructor: Dr. Jonathan Silberg [email = joff@rice.edu; office = Keck 209]

Office Hours: Joff has open-door office hours, although appointments are appreciated.

Course objectives and expected learning outcomes:

- To increase understanding of research topics in biochemistry and biomolecular design
- To increase knowledge of research methodologies and to evaluate their practical limitations
- To synthesize and present research data in cogent and coherent presentations
- To develop question-fielding skills through presentations in front of a critical audience

Course structure: Each lab member presents an update of his or her research to the group once per semester. The general structure of the talk will likely include: (i) Background – what is the general area of research, what is the rationale behind the experiments? (ii) Experiments – what did you do? what did you find? Show primary data; point out controls. State your conclusions and caveats. (iii) Synthesize, summarize, outline future directions. In cases where lab members are working on a publication, sessions may be devoted to critical evaluation of manuscripts.

Before your presentation - email your ppt presentation to Joff

Attendance and participation: Attendance is required; active participation is expected. Email Joff prior to class if you cannot make it.

Schedule:

DATE	Scheduled talk	notes	Location
Aug-27 (Th)	Josh	*A exam practice, 1-2pm*	Keck 308
Sept-2 (W)	*lab business*	---	Keck 308
Sept-9 (W)	Alicia	*manuscript feedback*	Keck 308
Sept-16 (W)	Emily	*presentation*	Keck 308
Sept-23 (W)	Naresh	*manuscript feedback*	Keck 308
Sept-30 (W)	*lab business*	---	Keck 308
Oct-7 (W)	Shelly	*presentations*	Keck 308
Oct-14 (W)	Margaret	*GCURS practice*	Keck 308
Oct-21 (W)	Barbara, Yi	*presentations*	Keck 308
Oct-28 (W)	*lab business*	---	Keck 308
Nov-4 (W)	Nebula, David, Jacob	*presentations*	Keck 308
Nov-12 (Th)	Bioc115 visit	*answer questions*	Keck 308
Nov-18 (W)	*To be determined*	---	Keck 308
Nov-25 (W)	NO MEETING	---	Keck 308
Dec-2 (W)	*To be determined*	---	Keck 308

Grading: Grading is Satisfactory/Unsatisfactory based on participation, presentations, and attendance. Course can be repeated for credit. There are no exams.

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Rice honor code. In this course, all students will be held to the standards of the Rice Honor Code, a code that you pledged to honor when you matriculated at this institution. If you are unfamiliar with the details of this code and how it is administered, you should consult the Honor System Handbook at http://honor.rice.edu/honor-system-handbook/. This handbook outlines the University's expectations for the integrity of your academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process.

Disability support services. If you have a documented disability or other condition that may affect academic performance you should: 1) make sure this documentation is on file with Disability Support Services (Allen Center, Room 111 / adarice@rice.edu / x5841) to determine the accommodations you need; and 2) talk with me to discuss your accommodation needs.

Syllabus change policy. This syllabus is only a guide for the course and is subject to change with advanced notice.